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3 E C R E T SAVIN SECTION ONE OF THREE 2486/VCK E/R177-66PRELIMINARY AIR ACTIVITY REPORT INFORMATION CONTATHED HEREIN REPRESENTS PREDIMINARY ANALYSIS OF

SIGINT AVAILABLE TO USJ-794 AS OF ISI200Z SEPTEMBER 1966. SECTION ONE - SURFACE TO AIR MISSILE LAUNCHES IN THE DRY ON 14 SEPTEMBER 1966. ON 14 SEPTEMBER, SIGINT REFLECTED A-MINIMUM OF FOUR MISSILE LAUNCHES FROM SAM SITES LOCATED AT 1862F (VIGIA) AND 1861N 185663 RETHERN 8657 AND 86507 FI INT PEELECTE

ONE OF THESE WAS IMPACTED AT 1841N 18544E, WHILE THEOTHER PR HABLY EQUATES TO THE SAM SITE AT 1842N 18542E, IN A POST LAUNCH REPORT, FROM 8612 TO 8625Z, DRV MULTICHANNELCOMMUNICATIONS CONFIRMED THE LAUNCH OF ONE MISSILE, BY A SAMSITE AT 1842N 10542E, WHEN A SPEAKER AT THE SAM SITE REPORTED TO HIS REGIMENTAL CONTROLLER THAT, "ALTITUDE WAS IN METERS, WE FIRED FIRST ONE AND THAT WAS ALL". THE TIME FOR THE MISSILE LAUNCHAND OTHER LAUNCH DATA WERE NOT REPORTED. OPERATIONAL REPORTS INDICATE THAT A TOTAL OF SEVEN MISSILES WERE OBSERVED BY U.S. PILOTS ON 14 SEPTEMBER. THREE OF THESEMISSILES WERE SIGHTED BETWEEN \$457 AND \$458Z, IN THE VICINITY OF 1845N 18552E, WITH ONE OF THE MISSILES DESTROYING A NAVY AIH AIGCRAFT. THESE MISSILE SIGHTINGS AND THE SUBSEQUENT SHOOTDOWNEQUATE WITH THE MISSILE CAUNCHES REFLECTED IN ELINT, AND POSSIBLY TO THE MISSILE LAUNCH REFLECTED IN DRY MULTICHANNEL COMMUNICATIONS. SIGINT DID NOT REFLECT THE OTHER FOUR MISSILES J WHICH WERE ODSERVED IN -+(8:89#Ø6 9: 21Ø6N 1Ø7Ø5E AT APPROXIMATELY Ø9Ø5Z. THE LAST U.S. AÏŘCŘÁŘŤ LOSS TO A DŘV MISSILE LAUNCH HAS ON 27 AUGUST. SECTION THO - POSSIBLE DRV MIG REACTION TO U.S. AIRCRAFT NEST, OF HANDI. ON 14 SEPTEMBER, DRV AIR SURVEILLANCE FACILITIES REFLECTED TWO PHAC YEN BASED MIG'S IN A POSSIBLE REACTION TO TWO HOSTILE AIRCRAFT, APPROXIMATELY 50 NAUTICAL MILES WEST OF HANDI. BETWEEN \$944 AND \$127Z, DRY AIR SURVEILLANCE FACILITIES REFLECTED A HOSTILE TRACK, IDENTIFIED AS TWO AIRCRAFT, ENTERING THE DRY FROM LAOS AND FLYING EAST TO A POINT APPROXIMATELY 35 NAUTICAL MILES SOKTHEAST OF HANDI AT 1005Z: THE™HOSTILE FLIGHT THEN FLEW NORTH NORTHWEST TO∹A POSITION 40 NAUTICAL MILES NORTH OF HANDI AT 10082 THEN TURNED WEST FOR THO MINUTES AND AT 1010Z THE HOSTILE TRACK TOOK A SOUTHWESTERLY HEADING AND WAS LAST NOTED OVER LAOS AT 2006N 10330E. THE TWO PHUC YEN BASED MIG'S, WHICH WERE IN POSSIBLE REACTION, HERE FIRST REFLECTED ON DRV AIR SURVEILLANCE FACILITIES AT 1002Z, SIX NAUTICAL MILES NORTHEAST OF HANOI. THE MIG'S THEN FLEN SOUTH TO A POINT APPROXIMATELY 15 NAUTICALHOILES SOUTH OF HANGI AND THEN WESTERLY. FROM 1815 TO 1816Z, THE MIG AND HOSTILE TRACKS FLEW A PARALLEL COURSE, ON A SOUTHWESTERLY HEADING, APPROXIMATELY 50 NAUTICAL MILES WEST OF HANDI: THE CLOSEST APPROACH OF THE MIG'S TO THE HOSTILE FLIGHT OCCURRED AT 1015Z, WHEN THE TWO TRACKS WERE _APPROXIMATELY 12 NAUTICAL MILES APART. AT 1016Z, THE MIG FLIGHT TURNED EAST AND AT 1017Z, NORTHEAST AND RETURNED TO THE VICINITY OF PHUC YEN WHERE TRACKING CEASED. COMPUTED GROUND SPEED FOR THE MIG'S WAS 463 KNOTS, WHILE SPEEDS FOR THE HOSTILE FLIGHTNRANGED FROM 600 TO 1000 KNOTS. ALTITUDES 0F9842 AND 19,685 FEET WHERE REPORTED FOR THE HOSTILE FLIGHT, WHILE NO ALTITUEES WERE REFLECTED FOR THE MIG FLIGHT. BASED ON THE COMPUTED SPEED OF THE DRV MIG FLIGHT, THE REACTING FIGHTERS WERE PROBABLY MIG-21'S. SECTION THREE - DRV MIG REACTIONS TO U.S.

CLARENCE W.TR.

Audilia

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SECRET SPOKE

AIRCRAFT EAST OF HANOI ON THE MORNING OF 14 SEPTEMBER. FROM \$\textit{9218}\$ 5TO \$\textit{318Z}\$, DRV AIR SURVEILLANCE AND TACTICAL VOICE FACILITIES REFLECTED A MINIMUM OF 14 MIG'S, AT LEAST FOUR OF WHICHNERE MIG-21'S, IN REACTION TO 12 HOSTILE AIRCRAFT APPROXIMATELY 35 NAUTICAL MILES EAST OF HANOI, TWO OF WHICH SUBSEQUENTLY RESULTED IN AIR ENGAGEMENTS. DRV AIR SURVEILLANCE FACILITIES INITIALLY REFLECTED THE HOSTILE AIRCRAFT AT THREE DIFFERENT POINTS: THE FIRST FLIGHT38 NAUTICAL MILES NORTHEAST OF HAIPHONG AT \$\textit{8218Z}\$; THE SECONDFLIGHT APPROXIMATELY 33 NAUTICAL MILES EAST OF HAIPHONG AT \$\textit{8229Z}\$. FROM \$\textit{8225}\$ TO \$\textit{8318Z}\$, DRV TACTICAL VOICE FACILITIES REFLECTED FOUR MIG-21'S, STAGING FOM PHUC YEN, OH A DEFENSIVE PAT OL'IN REACTION TO ALLIGHT OF 2/4 LEC LE AIGCRAFT.(:, WHICPCWERE APPROXIMATELY 39 NAUTICAL MILES EAST OF HANOI. THIS PATROL CONSISTED OF TWO FORMATIONS, OF TWO AIRCRAFT EACH, WITH ONE FORMATION FLYING 2888 FEET HIGHQER THAN THE OTHER DURING AT LEAST A PORTION OF THE PATROL. NO HOSTILE INTENT WAS INDICATED AND THE MIG'S RECOVERED AT PHUC YEN. AT \$\textit{8318Z}\$, AS THE MIG'S WERE PREPARING TO LAND AT PHUC YEN, ONE OF THE PILOTS REPORTED THAT THE "NORK WAS VERYGOOD". ALTITUDES FOR THIS FPIGHT WERE REPORTED AS \$\textit{221Z}\$, APPROXIMATELY \$\textit{39}\$ MAUTICAL MILES EAST OF HANOI, WHICH CORREMELAHTBWHITH THE POSITION OF HKIS MIG--. FLIGHT. 988 NNNN

SECRET SPOKE